

Alaska Park Science

National Park Service
U.S. Department of Interior

Alaska Regional Office
Anchorage, Alaska



Wilderness in Alaska

In this issue:

Economics of Wilderness **34**

Using Ethics Arguments to Preserve Naturalness **46**

Busing Through the Wilderness: "Near-Wilderness" Experience at Denali **58**

...and more.

Table of Contents

The Meaning of Wilderness	6
Howard Zahniser's Vision of Wilderness —and the Whole Community of Life on Earth	8
Alaska Wilderness: Looking Back, Looking Ahead	12
A Dena'ina Perspective: Respecting Ełnena (Land)	16
The Economic and Cultural Benefits of Northwest Alaska Wilderness	20
Whispers Wispy and Wishful	26
At'oowu: The Tlingit Homeland	32
Economics of Wilderness: Contribution of Alaska Parks and Wilderness to the Alaska Economy	34
What Future for the Wildness of Wilderness in the Anthropocene?	40
Using Ethics Arguments to Preserve Naturalness: A Case Study of Wildlife Harvest Practices on NPS Lands in Alaska	46
Searching for Wilderness: Amchitka Island, Alaska	52
Busing Through the Wilderness: Managing the "Near-Wilderness" Experience at Denali	58
Commercial Use of Wilderness at Klondike Gold Rush National Historical Park	66
Assessing and Mitigating the Cumulative Effects of Installations in Wilderness	74
Late Pleistocene Paleontology and Native Heritage in Northwest Alaska	82
Artists Spotlight Alaskan Wilderness	88



This project is made possible through funding from the National Park Foundation. Additional funding is provided by the National Park Service and other contributors.

Alaska Park Science is published twice a year. Recent issues of *Alaska Park Science* are available for sale by Alaska Geographic (www.alaskageographic.org). Charitable donations to help support this journal may be sent to: Alaska Geographic Association, 810 East Ninth Avenue, Anchorage, AK 99501 ATTN: Alaska Park Science.



Alaska Park Science

ISSN 1545-4967
June 2014

Project Lead: Robert Winfree, Regional Science Advisor,
email: AKR_Alaska_Park_Science@nps.gov

Editor: Susan Sommer, www.akwriter.com

Alaska Park Science Journal Board and Liaisons:

Don Callaway, Cultural Anthropologist; Celeste Brooke Carney, Science Communications Specialist, I&M; Daniel Flook, Historian, Alaska Regional Office; Amy Hartley, Information Officer, University of Alaska liaison; Jeremy Karchut, Archeologist, Alaska Regional Office; Rachel Mason, Cultural Anthropologist; Shelli Huls, Alaska Geographic; John Quinley, Assistant Regional Director for Communications; Ned Rozell, Science Writer, University of Alaska liaison; Rebecca Talbott, Chief of Interpretation and Education, Alaska Region; Carissa Turner, Coastal Biologist, Katmai National Park and Preserve; Sara Wesser, Inventory and Monitoring Coordinator, Alaska Region; Robert Winfree, Chair of Journal Board; Roy Wood, Chief of Interpretation, Katmai National Park and Preserve

Published twice a year in June and December by Alaska Geographic, a nonprofit partner of the Alaska Region of the National Park Service, supporting educational programs through publishing and operation of visitor center bookstores.

Disclaimer: Information published in *Alaska Park Science* has been subjected to general review by the National Park Service Alaska Region. Publication in *Alaska Park Science* does not signify that the contents reflect the views of the National Park Service, nor does mention of trade names or commercial products constitute National Park Service endorsement or recommendation.



About the Authors

Adrienne Lindholm: Alaska Region Wilderness Coordinator, National Park Service

Alex Whiting: Environmental Specialist, Native Village of Kotzebue

Angie Southwold: GIS Database Designer and Programmer, National Park Service - Alaska Region

Christina Mills: Planning Assistant, Yellowstone National Park

Ed Zahniser: Writer-Editor, Publications Group, Harpers Ferry Center for Media Services

Ginny Fay: Assistant Professor of Economics, Institute of Social and Economic Research, University of Alaska Anchorage

Grant Hilderbrand: Regional Wildlife Biologist, National Park Service - Alaska Region

Jeffrey Hallo: Associate Professor, Department of Parks, Recreation, and Tourism Management, Clemson University

Jon Harges: Archeologist, Western Arctic National Parklands (Bering Land Bridge National Preserve, Cape Krusenstern National Monument, Kobuk Valley National Park, and Noatak National Preserve)

Karen Evanoff: Cultural Anthropologist, Lake Clark National Park and Preserve

Mary Beth Moss: Cultural Anthropologist, Glacier Bay National Park and Preserve

Merry Maxwell: U.S. Fish and Wildlife Service, Alaska

Michelle Ravenmoon: Cultural Consultant

Robert Manning: Steven Rubenstein Professor of Environment and Natural Resources Director, Park Studies Laboratory, Rubenstein School of Environment and Natural Resources, University of Vermont

Robert Winfree: Alaska Regional Science Advisor, National Park Service

Roger Kaye: Wilderness Coordinator, U.S. Fish and Wildlife Service, Alaska

Steve Colt: Professor of Economics, Institute of Social and Economic Research, University of Alaska Anchorage

Tim Lydon: Wilderness Manager for the Nellie Juan-College Fjord Wilderness Study Area, Chugach National Forest

William Valliere: Park Studies Laboratory and Vermont Tourism Data Center, Rubenstein School of Environment and Natural Resources, University of Vermont

Wilson Justin: A skilled observer, Wilson Justin has spent a lifetime trying to match sacred songs and principles of his clan to his generation's place in a rapidly changing world.